

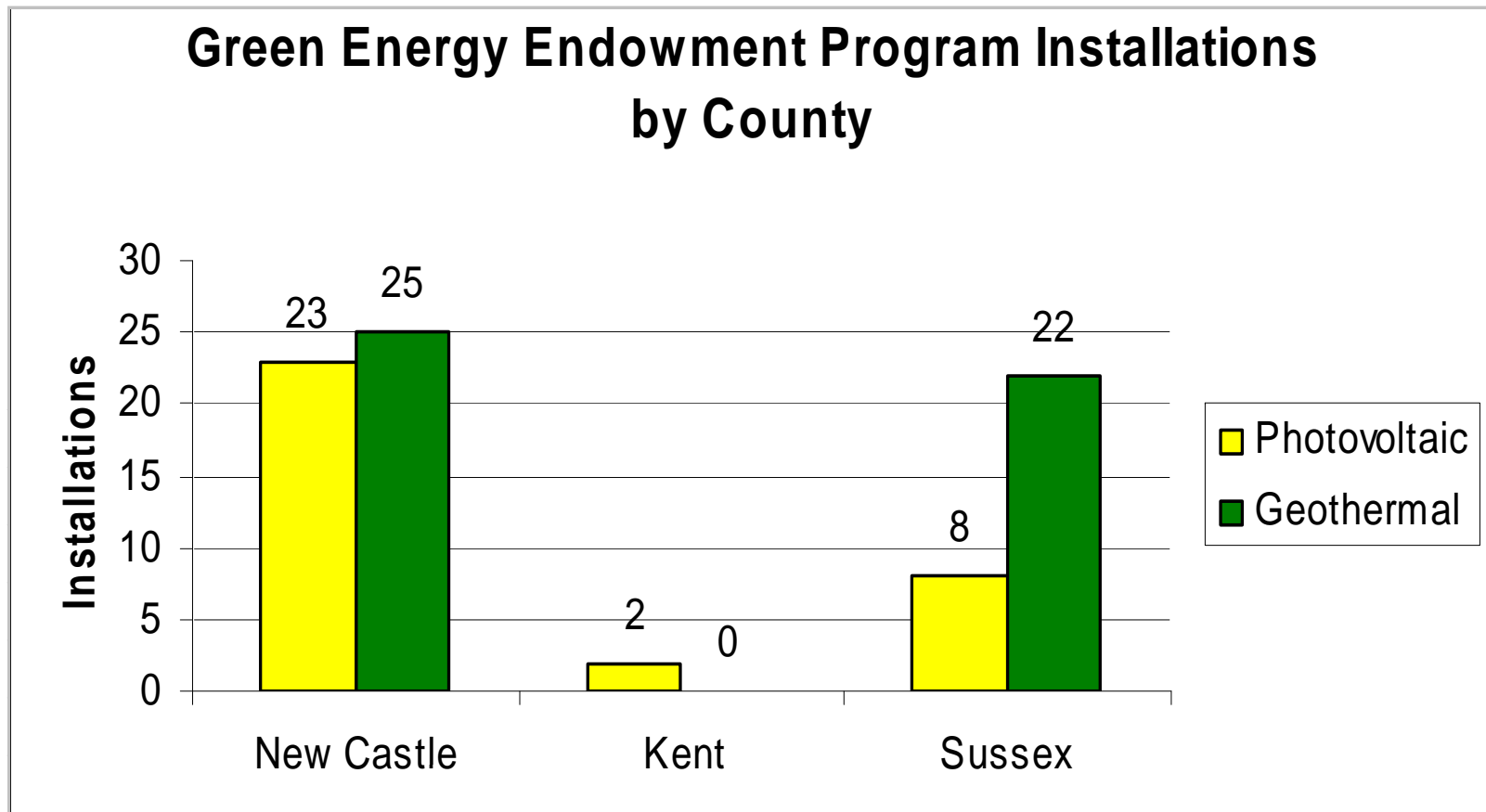
Funding Renewables

- Green Energy Fund
 - Established in 1999
 - Came to DNREC with Energy Office in 2003
 - Systems Benefit Charge on Delmarva customers' bills. \$0.000178/kwh – about \$2/yr/residence
 - “Renewable energy technologies”
 - Photovoltaic Systems
 - Solar Water Heating
 - Small Wind Turbines
 - Geothermal Heat Pump Systems
 - Fuel Cells

Green Energy Fund

- Three funding Mechanisms
 - Endowment (Cost share) program
 - Residential Program
 - Non-Residential Program
 - Technology Demonstration projects
 - Research and Development Projects
- Delmarva ratepayers only
- Energy Office assisting DEC and DEMEC members

Green Energy Fund



Green Energy Fund Account

As of January 1, 2006, \$6,063,185.99 was available.

- Green Energy Endowment Program awards
\$1,219,333.54
- Technology Demonstration Program awards
\$1,121,062.00
- Research and Development Program awards
\$250,000.00
- Total 2006 Awards:
\$2,590,395.54

As of January 31, 2007, \$4,904,299.39 is still available

Energy An\$wers Program

- Energy Efficiency Financial Incentives Act of 2006 - SB 281
- \$8 million one time appropriation
- Expenditure plan approved June, 2006
- Provide incentives to residential and non-residential ratepayers statewide
- \$100,000 set-aside for sustainable utility study

Energy An\$wers Program

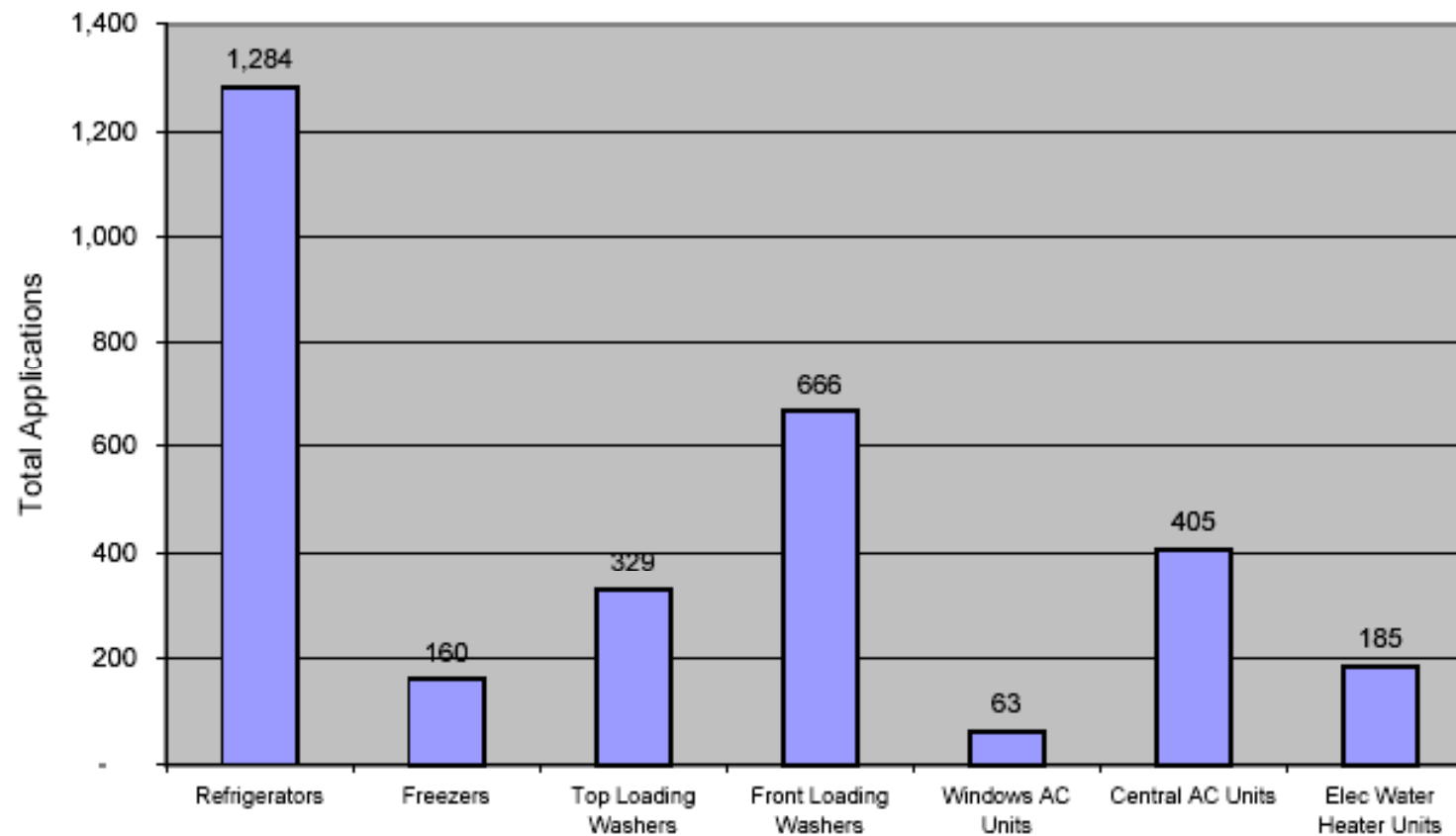
Four targeted segments tailored to different needs:

- Flip the Switch Delaware – CFL Campaign (Twisty Bulbs)
- Delaware Energy An\$wers for Home Appliances
- Delaware Energy An\$wers for Business
 - Just An\$wers – Grants for audits and feasibility studies
 - Prescribed An\$wers – Grants for lighting, refrigeration, motors, HVAC
 - Customized An\$wers – Grants for unique projects or comprehensive projects.
- Delaware Energy An\$wers for Home Performance

Energy An\$wers Program

- Energy An\$wers for Home Appliances (as of 1/07)
 - **6,911** Participants
 - **\$16,700.00** total funds reserved (95% of original \$400k allocation)
 - Average grant per applicant - **\$150**
 - **8,143** Appliances
 - Estimated savings
 - **787,983** kWh annual
 - **12,505,287** kWh lifetime
 - The price of appliance efficiency = **\$0.03/kwh**
 - Participants by County
 - Kent – **552**; Sussex – **1091**; New Castle - **1470**

Energy An\$wers Program



Energy An\$wers Program

- Energy An\$wers for Business
 - up to \$100,000 per facility or \$200,000 per businesses
 - Must be engaged in business in Delaware and located in Delaware.
 - Government facilities, state, local, and municipal facilities are not eligible for incentives at this time
 - No new construction at this time
 - All applications are subject to a pre and post inspections for verification of eligibility and meet all guidelines and requirements
 - Grants will not buy down any project beyond an 18-month simple payback
- Results as of 2/6/07
 - 11 Completed Projects totaling \$365,000
 - 20 Pending projects potentially reserving an additional \$850,000 in grant funds
 - Total Application and Pending Projects \$1.2M

Energy Efficiency Financial Incentives Act of 2006

Delaware Energy Answers Program

Expenditure Report

January 31, 2007

Category of Expenditure	Appropriated	Residential	Commercial & Industrial	Administration	Total Committed	Balance
Grants and Audits	\$ 5,900,000	\$ 378,170	\$ 1,900,000	\$ -	\$ 2,278,170	\$ 3,621,830
Light Bulbs	\$ 1,200,000	\$ 322,000	\$ -	\$ -	\$ 322,000	\$ 878,000
Marketing/Advertising	\$ 250,000	\$ 225,000	\$ -	\$ -	\$ 225,000	\$ 25,000
Salaries	\$ 250,000	\$ -	\$ -	\$ 70,800	\$ 70,800	\$ 179,200
Engineering Contractor	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Overhead	\$ 250,000	\$ -	\$ -	\$ 55,050	\$ 55,050	\$ 194,950
Sustainable Energy Utility	\$ 100,000				\$ 100,000	\$ -
Total	\$ 8,000,000	\$ 925,170	\$ 1,900,000	\$ 125,850	\$ 3,051,020	\$ 4,948,980